

Sheet 01 of 05

TECH CENTER 1600/2900

SEP 25 2001

RECEIVED

Form PTO-1449 Modified		Docket No. UT-0031	Serial No. 09/813,429
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Mayer-Proschel et al.	
U.S. Department of Commerce		Filing Date March 21, 2001	Group 1645 1647
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
RCH ↓	AA	Ahmed et al., "BDNF Enhances the Differentiation but Not the Survival of CNS Stem Cell-Derived Precursors", <i>J. Neurosci.</i> 1995 15:5765-5778.	
	AB	Brannen C.L. and Sugaya K., "In vitro differentiation of multipotent human neural progenitors in serum-free medium", <i>NeuroReport</i> 2000 11:1123-1128.	
	AC	Carpenter et al., "In Vitro Expansion of a Multipotent Population of Human Neural Progenitor Cells", <i>Exp. Neurol.</i> 1999 158:265-278.	
	AD	Chiasson et al., "Adult Mammalian Forebrain Ependymal and Subependymal Cells Demonstrate Proliferative Potential, but only Subependymal Cells Have Neural Stem Cell Characteristics", <i>J. Neurosci.</i> 1999 19:4462-4471.	
	AE	Corbeil et al., "The Human AC133 Hematopoietic Stem Cell Antigen Is also Expressed in Epithelial Cells and Targeted to Plasma Membrane Protrusions", <i>J. Biol. Chem.</i> 2000 275:5512-5520.	
	AF	Doetsch et al., "Subventricular Zone Astrocytes Are Neural Stem Cells in the Adult Mammalian Brain", <i>Cell</i> 1999 97:703-716.	
	AG	Doetsch et al., "Cellular Composition and Three-Dimensional Organization of the Subventricular Germinal Zone in the Adult Mammalian Brain", <i>J. Neurosci.</i> 1997 17:5046-5061,	
	AH	Eriksson et al., "Neurogenesis in the adult human hippocampus", <i>Nat. Med.</i> 1998 4:1313-1317,	
AI	Fricker et al., "Site-Specific Migration and Neuronal Differentiation of Human Neural Progenitor Cells after Transplantation in the Adult Rat Brain", <i>J. Neurosci.</i> 1999 19:5990-6005.		
EXAMINER <i>P. Mayer</i>		DATE CONSIDERED <i>11/26/03</i>	



Sheet 02

TECH. CENTER 1600/2900

SEP 23 2001

RECEIVED

Form PTO-1449 Modified		Docket No. UT-0031	Serial No. 09/813,429
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Mayer-Proschel et al.	
U.S. Department of Commerce		Filing Date March 21, 2001	Group 1645 1647
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
224	AJ	Forsberg-Nilsson et al., "Platelet-Derived Growth Factor Induces Chemotaxis of Neuroepithelial Stem Cells", <i>J. Neurosci. Res.</i> 1998 53:521-530.	
	AK	Gage F.H., "Mammalian Neural Stem Cells", <i>Science</i> 2000 287:1433-1438.	
	AL	Gage et al., "Multipotent Progenitor Cells in the Adult Dentate Gyrus", <i>J. Neurobiol.</i> 1998 36:249-266.	
	AM	Garcia-Verdugo et al., "Architecture and Cell Types of the Adult Subventricular Zone: In Search of the Stem Cells", <i>J. Neurobiol.</i> 1998 36:234-248.	
	AN	Haydar et al., "Differential Modulation of Proliferation in the Neocortical Ventricular and Subventricular Zones", <i>J. Neurosci.</i> 2000 20:5764-5774.	
	AO	Horner et al., "Proliferation and Differentiation of Progenitor Cells Throughout the Intact Adult Rat Spinal Cord", <i>J. Neurosci.</i> 2000 20:2218-2228.	
	AP	Johansson et al., " RAPID COMMUNICATION Neural Stem Cells in the Adult Human Brain", <i>Exp. Cell Res.</i> 1999 253: 733-736.	
	AQ	Johansson et al., "Identification of a Neural Cell Stem in the Adult Mammalian Central Nervous System", <i>Cell</i> 1999 96:25-34.	
✓	AR	Kalyani et al., "Neuroepithelial Stem Cells from the Embryonic Spinal Cord: Isolation, Characterization, and Clonal Analysis", <i>Dev. Biol.</i> 1997 186:202-223.	
EXAMINER <i>P. J. Hayes</i>		DATE CONSIDERED <i>11/26/03</i>	



Sheet 03 of 05

TECH CENTER 1600/2800
SEP 25 2001

RECEIVED

Form PTO-1449 Modified		Docket No. UT-0031	Serial No. 09/813,429
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Mayer-Proschel et al.	
		Filing Date March 21, 2001	Group 1645/1647
U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
RW ↓	AS	Kalyani et al., "Expression of EGF Receptor and FGF Receptor Isoforms during Neuroepithelial Stem Cell Differentiation", <i>J. Neurobiol.</i> 1999 38:207-224	
	AT	Kirschenbaum et al., "In vitro Neuronal Production and Differentiation by Precursor Cells Derived from the Adult Human Forebrain", <i>Cereb. Cortex</i> 1994 4:576-589	
	AU	Kukekov et al., "Multipotent Stem/Progenitor Cells with Similar Properties Arise from two Neurogenic Regions of Adult Human Brain", <i>Exp. Neurol.</i> 1999 156:333-344	
	AV	Lois C. and Alvarez-Buylla A., "Proliferating subventricular zone cells in the adult mammalian forebrain can differentiate into neurons and glia", <i>Proc. Natl Acad. Sci. USA</i> 1993 90:2074-2077	
	AW	Marmur et al., "Isolation and Developmental Characterization of Cerebral Cortical Multipotent Progenitors", <i>Dev. Biol.</i> 1998 204:577-591	
	AX	Miraglia et al., "A Novel Five-Transmembrane Hematopoietic Stem Cell Antigen: Isolation, Characterization, and Molecular Cloning", <i>Blood</i> 1997 90:5013-5021	
	AY	Morrison et al., "Prospective Identification, Isolation by Flow Cytometry, and In Vivo Self-Renewal of Multipotent Mammalian Neural Crest Stem Cells", <i>Cell</i> 1999 96:737-749	
	AZ	Palmer et al., "Fibroblast Growth Factor-2 Activates a Latent Neurogenic Program in Neural Stem Cells from Diverse Regions of the Adult CNS", <i>J. Neurosci.</i> 1999 19:8487-8497	
	BA	Pagano et al., "Isolation and Characterization of Neural Stem Cells from the Adult Human Olfactory Bulb", <i>Stem Cells</i> 2000 18:295-300	
EXAMINER <i>P. Mayer</i>		DATE CONSIDERED <i>11/26/03</i>	



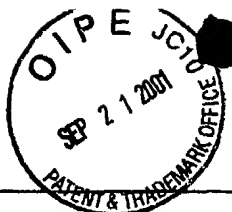
Sheet 04 of 05

TECH CENTER 1600/2900

SEP 23 2001

RECEIVED

Form PTO-1449 Modified		Docket No. UT-0031	Serial No. 09/813,429
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Mayer-Proschel et al.	
U.S. Department of Commerce		Filing Date March 21, 2001	Group 1645 1642
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
PCH ↓	BB	Piper et al., Immunocytochemical and Physiological Characterization of a Population of Cultured Human Neural Precursors", <i>J. Neurophysiol.</i> 2000 84:534-548,	
	BC	Quinn et al., "Lineage Restriction of Neuroepithelial Precursor Cells From Fetal Human Spinal Cord", <i>J. Neurosci. Res.</i> 1999 57:590-602,	
	BD	Rao M.S., "Multipotent and Restricted Precursors in the Central Nervous System", <i>Anat. Rec.</i> 1999 257:137-148,	
	BE	Reynolds B.A. and Weiss S., "Clonal and Population Analyses Demonstrate That an EGF-Responsive Mammalian Embryonic CNS Precursor Is a Stem Cell", <i>Dev. Biol.</i> 1996 175:1-13,	
	BF	Stemple D.L. and Anderson D.J., "Isolation of a Stem Cell for Neurons and Glia from the Mammalian Neural Crest", <i>Cell</i> 1992 71:973-985	
	BG	Svendsen et al., "A new method for the rapid and long term growth of human neural precursor cells", <i>J. Neurosci. Methods</i> 1998 85:141-152,	
	BH	Tsai R.Y. and McKay R.D., "Cell Contact Regulates Fate Choice by Cortical Stem Cells", <i>J. Neurosci.</i> 2000 20:3725-3735,	
	BI	Vescovi et al., "Isolation and Cloning of Multipotential Stem Cells from the Embryonic Human CNS and Establishment of Transplantable Human Neural Stem Cell Lines by Epigenetic Stimulation", <i>Exp. Neurol.</i> 1999 156:71-83.	
↓	BJ	Villa et al., "Establishment and Properties of a Growth Factor-Dependent, Perpetual Neural Stem Cell Line from the Human CNS", <i>Exp. Neurol.</i> 2000 161:67-84.	
EXAMINER P. Mayer		DATE CONSIDERED 11/26/03	



Sheet 05 of 05

Form PTO-1449 Modified		Docket No. UT-0031	Serial No. 09/813,429
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Mayer-Proschel et al.	
		Filing Date March 21, 2001	Group 1645 / 1647
U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
PCN ↓	BK	Weigmann et al., "Prominin, a novel microvilli-specific polytopic membrane protein of the apical surface of epithelial cells, is targeted to plasmalemmal protrusions of non-epithelial cells", <i>Proc. Natl Acad. Sci. USA</i> 1997 94:12425-12430	
	BL	Weiss et al., "Multipotent CNS Stem Cells Are Present in the Adult Mammalian Spinal Cord and Ventricular Neuroaxis", <i>J. Neurosci.</i> 1996 16:7599-7609	
	BM	Yin et al., "AC133, a Novel Marker for Human Hematopoietic Stem and Progenitor Cells", <i>Blood</i> 1997 90:5002-5012	
EXAMINER P. Payer		DATE CONSIDERED 11/26/03	